

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A refrigerator comprising:
a door having a water dispenser within a compartment present on an outside of the door;
a water container of given capacity carried by the door; and
a cylinder containing a carbonating gas, said cylinder being located in the door and in selective communication with the water container via a connection, wherein the water dispenser is connected to a the water container of given capacity carried by the door and to selectively dispense still water from the water container through the water dispenser and provided to enable wherein the contained water in the water container is adapted to be carbonated via a the connection to a the cylinder containing a the carbonating gas and located in the door to selectively dispense carbonated water through the water dispenser.
2. (currently amended) The refrigerator of claim 1, wherein the cylinder is disposed in a chamber of the door, the chamber being accessible from the inside or from the outside of the door ~~via a shutter~~.
3. (currently amended) The refrigerator of claim 1, wherein the cylinder and the water container are connected together via a solenoid valve.
4. (currently amended) The refrigerator of claim 3, wherein the water container is provided with a water level sensor which, when a given water level has been reached within the water container, activates a signal which indicates to the user that the water can now be carbonated by his operating the solenoid valve.

5. (currently amended) The refrigerator of claim 1, wherein the water container ~~can~~ is adapted to be connected to the a domestic water supply or to a possibly cooled source of water via a controlled valve.

6. (currently amended) The refrigerator of claim 1, wherein the water container is provided with a safety valve to prevent excess pressure.

7. (currently amended) The refrigerator of claim 3, wherein ~~in~~ the connection between the cylinder and water container further comprises, upstream of the solenoid valve, a needle valve cooperating with the cylinder.

8. (currently amended) The refrigerator of claim 6, wherein the safety valve operates on an electrical switch to interrupt, at a predetermined carbonation pressure, the connection between the cylinder and the water container.

9. (previously presented) The refrigerator of claim 8, wherein the switch activates an indicator advising the user that the water is carbonated and ready to be drawn off.

10. (previously presented) The refrigerator of claim 1, wherein an indicator lamp is provided to signify when the cylinder is empty.

11. (new) A refrigerator comprising:

- a door having a water dispenser within a compartment present on an outside of the door;

- a water container of given capacity carried by the door, wherein the water dispenser is connected to the water container to selectively dispense still water from the water container through the water dispenser;

- a cylinder containing a carbonating gas, said cylinder being located in the door and in selective communication with the water container via a connection; and

means for selectively carbonating water in the water container, via the connection to the cylinder containing the carbonating gas, to dispense carbonated water through the water dispenser.

12. (new) The refrigerator of claim 11, wherein the cylinder is disposed in a chamber of the door, the chamber being accessible from inside or from outside of the door.

13. (new) The refrigerator of claim 11, wherein the means for selectively carbonating water in the water container includes a solenoid valve arranged along the connection.

14. (new) The refrigerator of claim 13, wherein the water container is provided with a water level sensor which, when a given water level has been reached within the water container, activates a signal which indicates to the user that the water can now be carbonated.

15. (new) The refrigerator of claim 11, wherein the water container is adapted to be connected to a domestic water supply or to a cooled source of water via a controlled valve.

16. (new) The refrigerator of claim 11, wherein the water container is provided with a safety valve to prevent excess pressure.

17. (new) The refrigerator of claim 13, wherein the connection between the cylinder and water container further comprises, upstream of the solenoid valve, a needle valve cooperating with the cylinder.

18. (new) The refrigerator of claim 16, wherein the safety valve operates on an electrical switch to interrupt, at a predetermined carbonation pressure, the connection between the cylinder and the water container.

19. (new) The refrigerator of claim 18, wherein the switch activates an indicator advising the user that the water is carbonated and ready to be drawn off.

20. (new) The refrigerator of claim 11, wherein an indicator lamp is provided to signify when the cylinder is empty.

Amendments to the Drawings:

Kindly replace the originally filed drawings with the attached replacement drawings.
These replacement drawings do not introduce any new matter to the application.